



Step System Permit

CITY OF LOWELL
216 NORTH LINCOLN STREET
LOWELL, AR 72745
(479)770-2185 / FAX (479)770-2106

FOR OFFICIAL USE ONLY

Review Routing & Approval

Division	Sig. = OK	Date
Reviewed By		

Date: _____

Lot# _____ Subdivision: _____

Street Address: _____

Owner Information

Name: _____

Phone #: _____

Address: _____

City, State, Zip: _____

Builder Information

Name: _____

Phone #: _____

Address: _____

City, State, Zip: _____

Number of Bedrooms: _____

Total Heated Square Feet: _____

Number of Bathrooms: _____

Basement: Yes / NO

If Yes, Sq. Ft. _____

1. Lowell Single Source Provider

The City of Lowell will be the sole provider of STEP system installations in the City, including materials, installation, inspection, and testing.

2. Installation Notice

The applicant will notify the City when the building is ready for connection to the interceptor tank. A sixty (60) day notice is required. The tank shall be installed before the driveway and sidewalks are installed. The tank will not be ordered until it has been paid for.

3. Tank Location

The tank location shall be pre-approved by the City before breaking ground. No part of the tank shall be closer than five feet to any wall of the house or a retaining wall. The tank will be located in front of or on the side of the house or building. It shall not be located in the back yard or in an area that will be fenced. The tank will be located at an elevation lower than the sewer stub-out to accommodate gravity flow from the house into the tank. The sewer stub-out shall be above the footing, not below it. The plumber will have a 2-way cleanout installed on building sewer stub out at the time of the rough in inspection.

4. Construction Equipment

The tank will not be installed until the tank area is free of potential deliveries of construction materials and truck and equipment traffic. No heavy equipment or trucks may be operated above the installed tank. Only hand work will be permitted above the installed tank.

5. Tank Site Preparation and Excavation Materials

The home builder shall provide a site for the tank installation that is clean of construction debris and rough graded to within six inches of the final yard grade. The site shall be approximately level, with no more than one foot of elevation change across the tank placement area. The excavated materials from the tank excavation will be left onsite, but not in a location that interferes with driveway construction or site access by other construction trades. Disposal of the excavated material and fine grading of the tank area and yard shall be provided by the home builder.

6. Final Grade

Final grading and seeding or sod shall be provided by the builder's landscape contractor.

7. Electrical Disconnect Switch and Circuit

A separate and independent 20 amp electrical circuit in each home or building shall be provided for service to an exterior wall-mounted disconnect switch located to serve the on-site STEP interceptor tank. Four (4) feet of LMAC with two (2) 12-AWG with a ground shall be installed by the electrician, coiled up and stored in the disconnect switch box for connection to the control panel. The City will be responsible for the connection of the control panel to the disconnect switch. The disconnect switch should be located at a convenient height (usually five (5) feet above the ground) and where it will be accessible for maintenance. The disconnect switch shall be located on the side wall of the house within fifteen (15) feet of the sewer stub-out and visible from the street. It shall not be located in an area that will be fenced.

8. Electrical Power

The controls and pump will be powered by the house or building electrical system and the cost for the electrical power shall be paid by the applicant or occupant of the home.

9. Alarm Light

An alarm light and audible alarm will activate when the STEP tank systems are not operating properly. The homeowner or home occupant should push the silence button on the control panel to silence the audible alarm. The alarm light will remain lit until corrected by the repair technician. Contact the City of Lowell 479.770.2185 ext. 522 or email rstone@lowellarkansas.gov to report the alarm condition. Please minimize water usage until the repair is completed.

10. Damage to System

No persons will disconnect, break, damage, uncover, deface or tamper with any structure, appurtenance, pipe, or equipment which is part of the STEP system. No person may add another pipe or building to, or make any changes to any part of the STEP system. No person may habitually or intentionally introduce excess water or any fluid and/or solid substance or object into the STEP system that harms the system or causes damage to the system components or operations. Any person who violates the prohibitions in this section shall be guilty of a misdemeanor and shall be subject to a penalty of \$250.00 for each occurrence plus the associated cost of repair to the STEP system.

11. Illegal Connections

No person(s) will make connection of roof downspouts, foundation drains, areaway drains, or other sources of surface runoff of groundwater to a building sewer or building drain, which in turn is connected directly or indirectly to the STEP system.

12. STEP System Installation Cost

Cost of the STEP system includes the purchase and installation of the STEP tank, pump, controls, piping, and appurtenances from the on-site STEP system tank location to the pressure main connection point at the street and to the sewer stub-out at the house. The standard price is based on a 16 inch riser, 60 feet of 1 inch PVC, 20 feet of 4 inch PVC and 35 feet of wiring. The lengths of pipe will be field measured at the time of the application and additional cost will be added if longer lengths are required.

13. Easements

Certificate of Ownership and Easement Grant

The Undersigned owner hereby grants an easement on the property at the above listed address to the City of Lowell for ingress and egress to install, maintain and repair the STEP (Septic Tank Effluent Pumping) system and the right to prohibit the erection of buildings and structures and the right to remove or trim trees within the STEP area including the pipes and electrical wires.

Property Owner

Date

Description: Standard STEP system purchase and installation price.....

Cost: **\$ 6,183.00**

I hereby certify that I have read and examined this document and will comply with the provisions and responsibilities contained herein.

(Signature of Contractor or Authorized Agent)

(Please Print Applicant Name)

(Date)